

Ling Wei

4733 17th Ave NE 34 • Seattle, Washington 98105
Phone: (850) 559-6756 • E-Mail: physlingwei@gmail.com

PUBLICATIONS

IN PROGRESS:

1. Neal ML, Wei L, Peterson E, Arrieta-Ortiz M, Baliga NS, Kaushansky A, and Aitchison JD. "A system-level gene regulatory network model for *Plasmodium falciparum*."
2. Kamalakannan Vijayan, Nadia Arang, Ling Wei, Robert Morrison, Rechel Geiger, K. Rachael Parks, Adam J Lewis, Alyse N Douglass, Heather S Kain, Jarrod S Johnson, Alan Aderem, and Alexis Kaushansky. "Genome-wide CRISPR/Cas9 Screen Identifies Host Factors Essential for Optimal *Plasmodium* Liver Stage Development."
3. Selasi Dankwa, Mary-Margaret Dols, Ling Wei, Elizabeth K.K. Glennon, Heather S. Kain, Alexis Kaushansky, and Joseph D. Smith. "Identification of host kinases and kinase inhibitors that modulate endothelial barrier integrity."

IN PRINT:

1. Wei, Ling, and Elijah Roberts. "Neural network control of focal position during time-lapse microscopy of cells." *Scientific Reports* 8, no.1 (2018): 7313.
2. You, Seungyong, Ling Wei, Sachin Shanbhag, and David H. Van Winkle. "Nonmonotonic DNA-length- dependent mobility in pluronic gels." *Physical Review E* 95, no. 4 (2017): 042602.
3. Gao, You-Hui, Ling Wei, Chun-Lei Gao, Wei-Xing Xia, and Daisuke Shindo. "Magnetic properties of DNA- templated Co/Cu nanoparticle chains." *Chinese Physics B* 19, no. 8 (2010): 088103.
4. Wei, Ling, Fan Li, Tian-Ri Lan, and You-Hui Gao. "Preparation of hollow cuprous oxide nano-particles and their optical properties." *Journal of Fudan University (Natural Science)* 47, no. 5 (2008): 663-667.